





NEMA Premium

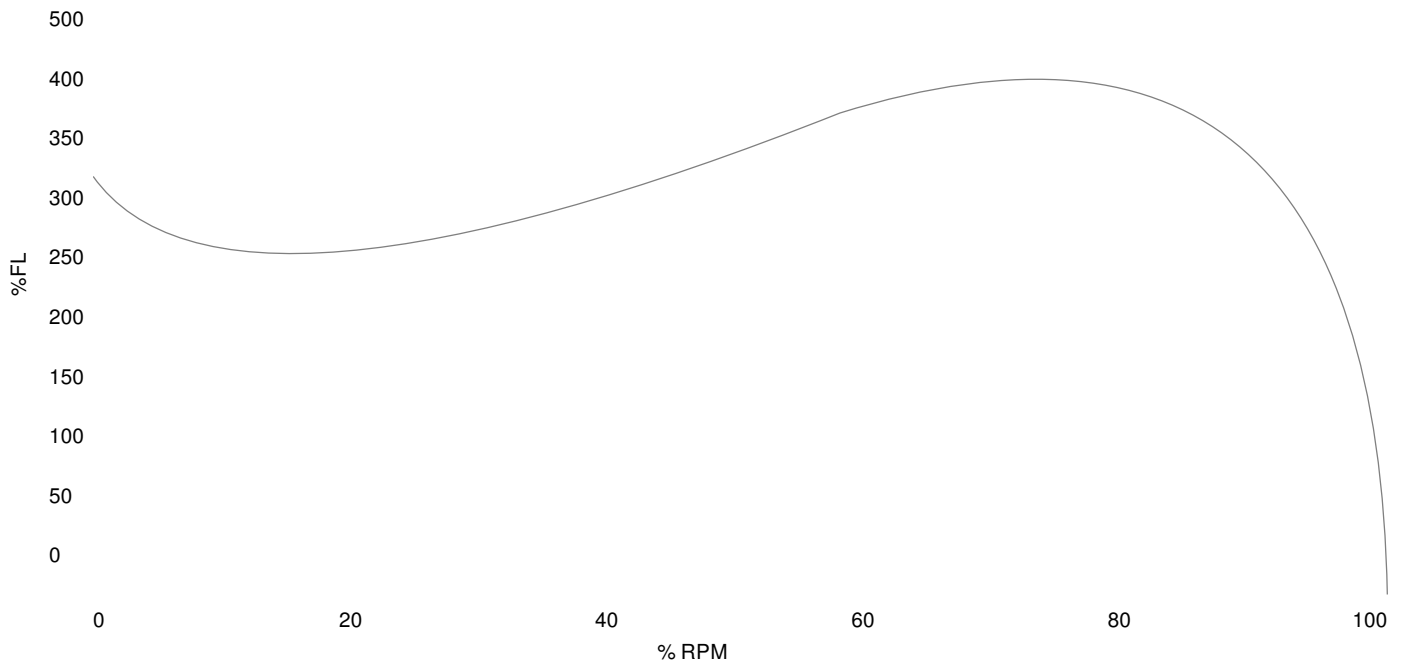
**NEMA**

<b>MOTOR MODEL:</b>	BR3-CI-TF-286TSC-2-BR-E-30
<b>FACTORY TYPE:</b>	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 30.0HP, 3550 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	144.75	323.0	Start Configuration
Pull-Up Torque	82.0101	183.0	Starting Current (A)
Breakdown Torque	166.709	372.0	No-Load Current (A)
Full Load	44.8143	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	12.06	-	-	-	-
25	7.5	14.45	6.67	3589.1	84.0	0.58
50	15.0	20.37	12.44	3579.5	90.04	0.77
75	22.5	27.14	18.32	3569.0	91.7	0.85
100	30.0	34.59	24.32	3557.8	92.09	0.88
125	37.5	42.59	30.46	3545.9	91.92	0.9

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